

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: AHN, Tae-jin  
Serial No.: 10/770,092  
Conf. No.: 9277  
Filed: February 2, 2004  
Title: APPARATUS AND METHOD FOR DNA SEQUENCE, AND COMPUTER  
READABLE MEDIUM  
Examiner: SMITH, Carolyn L.  
Art Unit: 1631  
Docket No: YPL-0078

**VIA EFS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE**

This Amendment and Response is submitted in response to the Office Action dated December 27, 2006.

This response has the following sections:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** begin on page 3 of this paper.

**Amendments to the Drawings** begin on page 7 of this paper.

**Remarks** begin on page 8 of this paper.

**Attachments:** Replacement Sheet of Figure 2  
Annotated Sheet Showing Changes in Figure 2  
Sequence Listing (pdf form and crf (text) form)  
Statement under 1.821 (f) and (g)